JOB CODE: 009-18-000002.

First & Final Bill

M. A. R. 57 (Rule 116)

Measurement Book

No. B 357731

Est. Amount: 25. lakhs

Head of A/c = PIS78

Serial No. .....

Name of Work Improvements to Roads and drains at Kempegowda nagara in Ward no: 9 To

Name of Contractor or nature of Agency Executive Engineer, KRIDL, Bllore

Date of commencement of work BBMP/EE/BTP/WO/81/2017-18, Dt: 20/12/2017.

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
	(1) Earth work excavation by manual means of detailed specification Recorded in this MB, Vide page no: 35 7701,						
	Colony Roads	1×1	22.80	$\frac{3.3+2.7}{2}$	0.20	18.68	m^3
		1×1	30.00	$\frac{2.7+2.9}{2}$	0.20	16.80	-11-
		1×1	6.50	$\frac{2.9+3.3}{2}$	0.20	4.03	-11-
		1×1	30.0	$\frac{3.3+2.95}{2}$	0.20	18.75	-11-
		1×1	30.0	$\frac{2.95+3.0}{2}$	0.20	17.85	-11-
		1×1	15.0	$\frac{3.0+4.1}{2}$	0.20	10.65	

Reference to last Measurement 8
~~24,515.14-0~~
24,99,181-00.
49984-0
24992-0
2499-0
27491-0
124959-0
3150-0
233075-0
226106-0

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1×1	9.50	$\frac{4.1+4.1}{2}$	0.20	7.79	m3
		1×1	8.50	$\frac{4.1+3.3}{2}$	0.20	6.29	-11-
		1×1	30.00	$\frac{3.3+3.0}{2}$	0.20	18.90	-11-
		1×1	27.50	$\frac{3.0+2.95}{2}$	0.20	16.36	-11-
		1×1	11.60	$\frac{2.95+2.35}{2}$	0.20	6.15	-11-
		1×1	12.20	$\frac{2.35+2.5}{2}$	0.20	5.92	-11-
		1×1	9.60	$\frac{2.5+3.0}{2}$	0.20	5.28	-11-
		1×1	30.0	$\frac{3.0+3.5}{2}$	0.20	19.50	-11-
		1×1	25.0	$\frac{3.5+3.25}{2}$	0.20	16.88	-11-

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	

Assistant Executive Engi
Vidyaranyapura Sub Di
BBMP, Bangalore -
25/4/2018
AE

	Contents 7	Reference to last Measurement 8
20	7.79	m3
20	6.29	-11-
20	18.90	-11-
0.20	16.36	-11-
0.20	6.15	-11-
0.20	5.92	-11-
0.20	5.28	-11-
0.20	19.50	-11-
0.20	16.88	-11-

...7 (Rule 116)
Measu...ement Book

No. B 357732

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1x1	30.0	$\frac{3.25+3.5}{2}$	0.20	20.25 m3	
		1x1	25.0	$\frac{3.5+3.25}{2}$	0.20	16.88 -11-	
		1x1	30.0	$\frac{3.25+3.60}{2}$	0.20	20.55 -11-	
		1x1	20.0	$\frac{3.6+3.5}{2}$	0.20	14.20 -11-	
		1x1	26.0	$\frac{3.5+3.45}{2}$	0.20	18.07 -11-	
					Total	274.77 m3	

AE 25/4/2018

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	This Qty is limited to as per Schedule 'B' Qty as 274.20 m^3 @ Rate Rs 199.86 /m^3						
	② Providing and Laying in position PCC 1:4:8 of detailed Specification Recorded in This MB, Vide Page no: 35 to 35						
	Colony Roads	1×1	22.80	$\frac{3.3+2.7}{2}$	0.15	10.26	m^3
		1×1	30.0	$\frac{27.29}{2}$	0.15	12.60	-"-
		1×1	6.5	$\frac{2.9+3.3}{2}$	0.15	3.02	-"-
		1×1	30.0	$\frac{3.3+2.95}{2}$	0.15	14.06	-"-
		1×1	30.0	$\frac{2.95+3.0}{2}$	0.15	13.39	-"-

M.
M

Serial No. .....
Name of Work ..... Fro
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numb
1	2	3
		1×1
		1×1
		1×1
		1×1
		1×1
		1×1
		1×1
		1×1

OOK

Depth 6	Contents 7	Reference to last Measurement 8
		chedule 'B' Qty as 3
		1:4:8 of detailed
		page no: 35 7/11 1/2 to 35 7/12.
0.15	10.26	m3
0.15	12.60	-11-
0.15	3.02	-11-
0.15	14.06	-11-
0.15	13.39	-11-

(Rule 116)
Measurement Book

No. B

357733

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 53.33	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		1x1	15.0	$\frac{3.0+4.1}{2}$	0.15	7.99	m3
		1x1	9.50	$\frac{4.1+4.1}{2}$	0.15	5.84	-11-
		1x1	8.50	$\frac{4.1+3.3}{2}$	0.15	4.72	-11-
		1x1	30.0	$\frac{3.3+3.0}{2}$	0.15	14.18	-11-
		1x1	27.50	$\frac{3.0+2.95}{2}$	0.15	12.27	-11-
		1x1	11.60	$\frac{2.95+2.35}{2}$	0.15	4.61	-11-
		1x1	12.20	$\frac{2.35+2.5}{2}$	0.15	4.44	-11-
		1x1	9.60	$\frac{2.5+3.0}{2}$	0.15	3.96	-11-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						111.34	
		1×1	30.0	$\frac{3.0+3.5}{2}$	0.15	14.63	m^3
		1×1	25.0	$\frac{3.5+3.25}{2}$	0.15	12.66	-11-
		1×1	30.0	$\frac{3.25+3.5}{2}$	0.15	15.19	-11-
		1×1	25.0	$\frac{3.5+3.25}{2}$	0.15	12.66	-11-
		1×1	30.0	$\frac{3.25+3.6}{2}$	0.15	15.41	-11-
		1×1	20.0	$\frac{3.6+3.5}{2}$	0.15	10.65	-11-
		1×1	26.0	$\frac{3.5+3.45}{2}$	0.15	13.55	-11-
					Total	206.08	m^3
						206.09	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

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This Qty is limited to as per schedule 'B' Qty as 205.65 m^3 @ Rate Rs 5159.02/m^3.

M. A
M

Serial No. .....
Name of Work ..... Fr
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numb
1	2	3
(3)	Cement concrete pavement Recorded in This MB, Vide Colony Road	1×1 1×1 1×1 1×1 1×1 1×

pth 6	Contents 7	Reference to last Measurement 8
	111.34	
5	14.63	m^3
15	12.66	-"-
5	15.19	-"-
15	12.66	-"-
5	15.41	-"-
5	10.65	-"-
15	13.55	-"-
1	206.08	m^3
as	206.09 205.65	m^3 ④ Rate

7 (Rule 116)
Measurement Book

No. B 357734

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
③	Cement concrete pavement construction (M_{20}) of detailed specification Recorded in This MB, Vide page no:						
	Colony Road	1x1	22.80	$\frac{3.3+2.7}{2}$	0.125	8.55	m^3
		1x1	30.0	$\frac{2.7+2.9}{2}$	0.125	10.50	-"-
		1x1	6.50	$\frac{2.9+3.3}{2}$	0.125	2.52	-"-
		1x1	30.0	$\frac{3.3+2.95}{2}$	0.125	11.72	-"-
		1x1	30.0	$\frac{2.95+3.0}{2}$	0.125	11.16	-"-
		1x1	15.0	$\frac{3.0+4.1}{2}$	0.125	6.66	-"-

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1×1	9.50	$\frac{4.1+4.1}{2}$	0.125	4.87	m^3
		1×1	8.50	$\frac{4.1+3.3}{2}$	0.125	3.93	〃
		1×1	30.0	$\frac{3.3+3.0}{2}$	0.125	11.81	〃
		1×1	27.50	$\frac{3.0+2.95}{2}$	0.125	10.23	〃
		1×1	11.60	$\frac{2.95+2.35}{2}$	0.125	3.84	〃
		1×1	12.20	$\frac{2.35+2.5}{2}$	0.125	3.70	〃
		1×1	9.60	$\frac{2.5+3.0}{2}$	0.125	3.30	〃
		1×1	30.0	$\frac{3.0+3.5}{2}$	0.125	12.19	〃

51.11

C&F.C
9/10

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97
30/4/2018

Serial No. .....
Name of Work ..... Fr
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numb
1	2	3
		1×1
		1×1
		1×
		1×
		1×

OOK

h	Depth 6	Contents 7	Reference to last Measurement 8
	0.125	4.87	m³
	0.125	3.93	-11-
	0.125	11.81	-11-
5	0.125	10.23	-11-
35	0.125	3.84	-11-
	0.125	3.70	-11-
	0.125	3.30	-11-
	0.125	12.19	-11-

7 (Rule 116)
Measurement Book

No. B 357735

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 104.798	Reference to last Measurement 8
		1×1	25.0	$\frac{3.5+3.25}{2}$	0.125	10.55	m³
		1×1	30.0	$\frac{3.25+3.5}{2}$	0.125	12.66	-11-
		1×1	25.0	$\frac{3.5+3.25}{2}$	0.125	10.55	-11-
		1×1	30.0	$\frac{3.25+3.6}{2}$	0.125	12.84	-11-
		1×1	20.0	$\frac{3.6+3.5}{2}$	0.125	8.88	-11-
		1×1	26.0	$\frac{3.5+3.45}{2}$	0.125	11.29	-11-
					Total	171.73	m³

171.75

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

30/4/2018

50M 8/15

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement	
		Number	Length	Breadth	Depth			
1	2	3	4	5	6	7	8	
	This Qty is limited to as per schedule 'B' Qty as 17.038 M³ @ Rate Rs 5508.82/m³.							
(4)	Providing and removing centering of detailed specification Recorded in This MB, Vide page no: 35 7712/2							
	Colony Road	2×1	22.80	–	0.25	11.40	m²	
		2×1	30.00	–	0.25	15.00	–"–	
		2×1	6.50	–	0.25	3.25	–"–	
		2×1	30.0	–	0.25	15.00	–"–	
		2×1	30.0	–	0.25	15.00	–"–	
		2×1	15.0	–	0.25	7.50	–"–	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nur
1	2	
		2×
		2×
		2×
		2×
		2×
		2×
		2×
		2×
		2×

ENT BOOK

Dimensions			Contents	Reference to last Measurement
	Breadth 5	Depth 6	7	8
schedule 'B' Qty as 17.038 m^3 @ Rate				
ering of detailed specificatoon				
no: 35 7712/2				
0	—	0.25	11.40	m^2
0	—	0.25	15.00	-11-
	—	0.25	3.25	-11-
	—	0.25	15.00	-11-
	-	0.25	15.00	-11-
	—	0.25	7.50	-11-

(Rule 116)
Measurement Book

No. B 357736

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		2×1	9.50	—	0.250	4.75	m^2
		2×1	8.50	—	0.250	4.25	-11-
		2×1	30.0	-	0.250	15.00	-11-
		2×1	27.50	—	0.25	13.75	-11-
		2×1	11.60	—	0.25	5.80	-11-
		2×1	12.20	—	0.25	6.10	-11-
		2×1	9.60	—	0.25	4.80	-11-
		2×1	30.00	—	0.25	15.00	-11-
		2×1	25.00	—	0.25	12.50	-11-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2×1	30.0	–	0.25	15.00	m^2
		2×1	25.0	–	0.25	12.50	–"–
		2×1	30.0	–	0.25	15.00	–"–
		2×1	20.0	–	0.25	10.00	–"–
		2×1	26.0	–	0.25	13.00	–"–
					Total:	214.60	m^2

Checked
Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

Checked
30/4/20

This Qty is limited to as per Schedule 'B' Qty as 198.00

30/4/20 Rate Rs 310.58/m^2

Serial No. .....

Name of Work ..... From...

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
(5)	Vaccum de-watering of c MB, Vide page no: 357715, colony Road	1×1 1×1 1×1 1×1 1×1

th	Contents 7	Reference to last Measurement 8
	15.00	m^2
	12.50	-11-
	15.00	-11-
	10.00	-11-
	13.00	-11-
:	214.60	m^2
	chedule 'B' Qty as 198.00m	

(Rule 116)
Measurement Book

No. B 357737

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(5)	Vaccum de-watering of detailed specification Recorded in this MB, Vide page no: 357715/2. Colony Road	1x1	22.80	$\frac{3.3+2.7}{2}$	-	68.40 m^2	
		1x1	30.0	$\frac{2.7+2.9}{2}$	-	84.00 m^2	
		1x1	6.50	$\frac{2.9+3.3}{2}$	-	20.15	-11-
		1x1	30.0	$\frac{3.3+2.95}{2}$	-	93.75	-11-
		1x1	30.0	$\frac{2.95+3.0}{2}$	-	89.25	-11-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1×1	15.0	$\frac{3.0+4.1}{2}$	–	53.25	m^2
		1×1	9.50	$\frac{4.1+4.1}{2}$	–	38.95	〃
		1×1	8.5	$\frac{4.1+3.3}{2}$	–	31.45	〃
		1×1	30.0	$\frac{3.3+3.0}{2}$	–	94.50	〃
		1×1	27.50	$\frac{3.0+2.95}{2}$	–	81.81	〃
		1×1	11.60	$\frac{2.95+2.35}{2}$	–	30.74	〃
		1×1	12.20	$\frac{2.35+2.5}{2}$	–	29.59	〃
		1×1	9.60	$\frac{2.5+3.0}{2}$	–	26.40	〃
		1×1	30.0	$\frac{3.0+3.5}{2}$	–	97.40	〃

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Nur
1	2	
		1× 1× 1× 1× 1× 1×

OK

Depth 6	Contents 7	Reference to last Measurement 8
—	53.25	m^2
—	38.95	〃
—	31.45	〃
—	94.50	〃
—	81.81	〃
—	30.74	〃
—	29.59	〃
—	26.40	〃
—	97.40	〃

M. A. R. 57 (Rule 116)
Measurement Book

No. B 357738

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		1×1	25.0	$\frac{3.5+3.25}{2}$	—	84.38	m^2
		1×1	30.0	$\frac{3.25+3.5}{2}$	—	101.25	〃
		1×1	25.0	$\frac{3.5+3.25}{2}$	—	84.38	〃
		1×1	30.0	$\frac{3.25+3.6}{2}$	—	102.75	〃
		1×1	20.0	$\frac{3.6+3.5}{2}$	—	71.00	〃
		1×1	26.0	$\frac{3.5+3.45}{2}$	—	90.35	〃
					Total:	1373.84	m^2

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	This Qty is limited to as per schedule 'B' Qty as 1371.00 m^2 @ Rate, ₹ 95.40 /m^2						
	30/4/2018						
	Certificate :-						
	1) The contractor has done the work satisfactorily.						
	2) The contractor has removed the debris from the work site						

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore.

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

M. A. R.
Measur

Serial No. .....
Name of Work ..... From.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number	L
1	2	3	
			A
Sl No.	Particulars	Unit	
①	Earth work Excavation	m^3	3
②	PCC 1:4:8	m^3	3
③	M_{20}	m^3	3
④	Centering	m^2	3
⑤	Floater	m^2	

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epth 6	Contents 7	Reference to last Measurement 8
le	'B' Qty as 1371.00 m²	
ork satisfactorily.		
e debris from the work spot		

cutive Engineer
ura Sub-division
MP, Bangalore

M. A. R. 57 (Rule 116)
Measurement Book

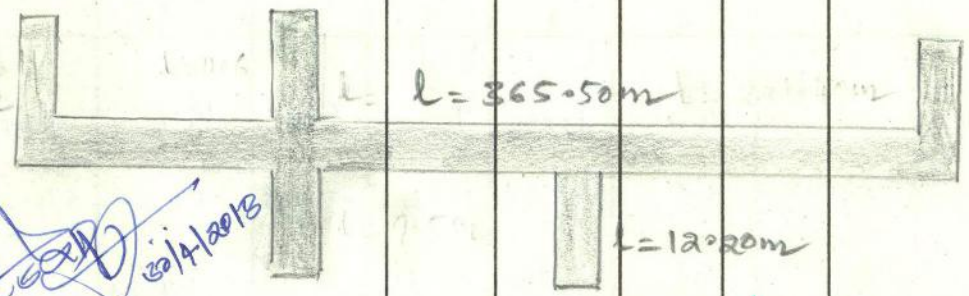
No. B 357739

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
			ABSTRACT				
Sl No.	Particulars	Unit	From	To	Qty	Rate	Amount in ₹
①	Earth work Excavation	m³	357731	732/2	274.20	199.36	54665=00
②	PCC 1:4:8	m³	357732/2	733/2	205.65	5159.02	1060953=00
③	M20	m³	357734	735/2	171.38	5508.82	944102=00
④	Centering	m²	357735/2	736/2	198.00	310.58	61495=00
⑤	Floater	m²	357737	738/2	1371.00	95.40	130794=00
						Total :	2252009

Add KRIDL charges @ 11%. 247720=2499727=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(:. Rupees Twenty two lakhs fifty two thousand Nine only.)						
			L = 365.50m				L = 220.8m
			L = 120.20m				
	20/4/2018 AE						
	Assistant Executive Engineer Vidyaranyapura Sub Division BBMP, Bangalore -						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nur
1	2	
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 24.99 , ಗಳಲ್ಲಿ ಮಾತ್ರ ರೂಪಾಯಿ ರೂ. 23 ಮೊದಲಾದ ಮಾಡಿರುವ ಅಂಶ 22 66 Rs: Twenty two lakh Rupees one hundred two ಈ ಮುಕ್ತಾಯದ ಪಡೆಯಲಾಗಿದೆ ಕಿರಿಯ ಎಂಜಿನಿಯರ್ ಬಿಲ್ಲಿನ ಮೊತ್ತ ಸಹಾಯಕ ಎಂಜಿನಿಯರ್ 09/5	

OK

Depth 6	Contents 7	Reference to last Measurement 8
Thousand Nine only.)		
		L=220m

Engineer
Division

(Rule 116)
ent Book

No. B 357740

Serial No. ..... To.....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 24,99,727-00 ಗುತ್ತಿಗೆ ಮಾಡಿದ ಮಾಲಿಕರು ರೂ. 2,33,625-00 ಕೊಡಬೇಕಾದ ಮೊತ್ತ ರೂ. 22,66,102-00 Rs: Twenty two lakh sixty six thousand one hundred two only. ಬಿಲ್ಲು ಮುಟ್ಟಿಸಿದವರು ಲೆಕ್ಕಾಧಿಕಾರಿ ಮಾಲಿಕರು ಇ. ಇ.					Total Rs. 2499727-00 IT - 49995-00 Cess. 24997-00 CBF. 2500-00 LR - 27997-00 FSD - 124986-00 Fine - 3150-00 Addn - 233625-00 Cheque: 22,66,102-00	